

Customer No.: 31561
Docket No.: 12875-US-PA
Application No.: 10/709,487

To the Claim

Claim 1. (currently amended) An adjustable collimator, comprising:

an adjustable main body, having an interior space, a top portion, a bottom portion and an adjuster between said top portion and said bottom portion, said adjuster being adapted for adjusting a relative distance between said top portion and said bottom portion;

a first collimating element, fixed inside said interior space of said top portion to move with said top portion;

a second collimating element, fixed inside said interior space of said bottom portion to move with said bottom portion; and

a mask, covering said bottom portion of said adjustable main body below said first collimating element and surrounding said second collimating element.

Claim 2 (canceled)

Claim 3. (original) The adjustable collimator of claim 1, wherein said adjuster includes a rough adjustment element and a fine adjustment element.

Claim 4. (original) The adjustable collimator of claim 1, wherein a shape of holes of said first collimating element is same as that of said second collimating element.

Claim 5. (original) The adjustable collimator of claim 1, wherein a shape of holes of said first collimating element is different from that of said second collimating element.

Claim 6. (currently amended) A sputtering apparatus for sputtering a target

Customer No.: 31561
Docket No.: 12875-US-PA
Application No.: 10/709,487

material onto an object, comprising:

a chamber, said target material, disposed inside said chamber;

a holding base, disposed inside said chamber opposite to said target material; and

an adjustable collimator, set between said holding base and said target material,

said adjustable collimator including:

an adjustable main body, having an interior space, a top portion, a bottom portion and an adjuster between said top portion and said bottom portion, said adjuster being adapted for adjusting a relative distance between said top portion and said bottom portion;

a first collimating element, fixed inside said interior space of said top portion to move with said top portion;

a second collimating element, fixed inside said interior space of said bottom portion to move with said bottom portion; and

a mask, covering said bottom portion of said adjustable main body below said first collimating element and surrounding said second collimating element.

Claim 7 (canceled)

Claim 8. (original) The sputtering apparatus of claim 6, wherein said adjuster includes a rough adjustment element and a fine adjustment element.

Claim 9. (original) The sputtering apparatus of claim 6, wherein a shape of holes of said first collimating element is same as that of said second collimating element.

Claim 10. (original) The sputtering apparatus of claim 6, wherein a shape of holes

Customer No.: 31561
Docket No.: 12875-US-PA
Application No.: 10/709,487

of said first collimating element is different from that of said second collimating element.

Claim 11. (currently amended) A sputtering apparatus for sputtering a target material onto an object, comprising:

a chamber, said target material being disposed inside said chamber;

a holding base, disposed inside said chamber opposite to said target material; and

an adjustable collimator, disposed on said holding base to cover said object so that said adjustable collimator moves with said holding base, said adjustable collimator including

an adjustable main body, having an interior space, a top portion, a bottom portion and an adjuster between said top portion and said bottom portion, said adjuster being adapted for adjusting a relative distance between said top portion and said bottom portion;

a first collimating element, fixed inside said interior space of said top portion to move with said top portion;

a second collimating element, fixed inside said interior space of said bottom portion to move with said bottom portion; and

a mask, covering said bottom portion of said adjustable main body below said first collimating element and surrounding said second collimating element.

Claim 12 (canceled)

Claim 13. (original) The sputtering apparatus of claim 11, wherein said adjuster includes a rough adjustment element and a fine adjustment element.

Customer No.: 31561
Docket No.: 12875-US-PA
Application No.: 10/709,487

Claim 14. (original) The sputtering apparatus of claim 11, wherein a shape of holes of said first collimating element is same as that of said second collimating element.

Claim 15. (original) The sputtering apparatus of claim 11, wherein a shape of holes of said first collimating element is different from that of said second collimating element.